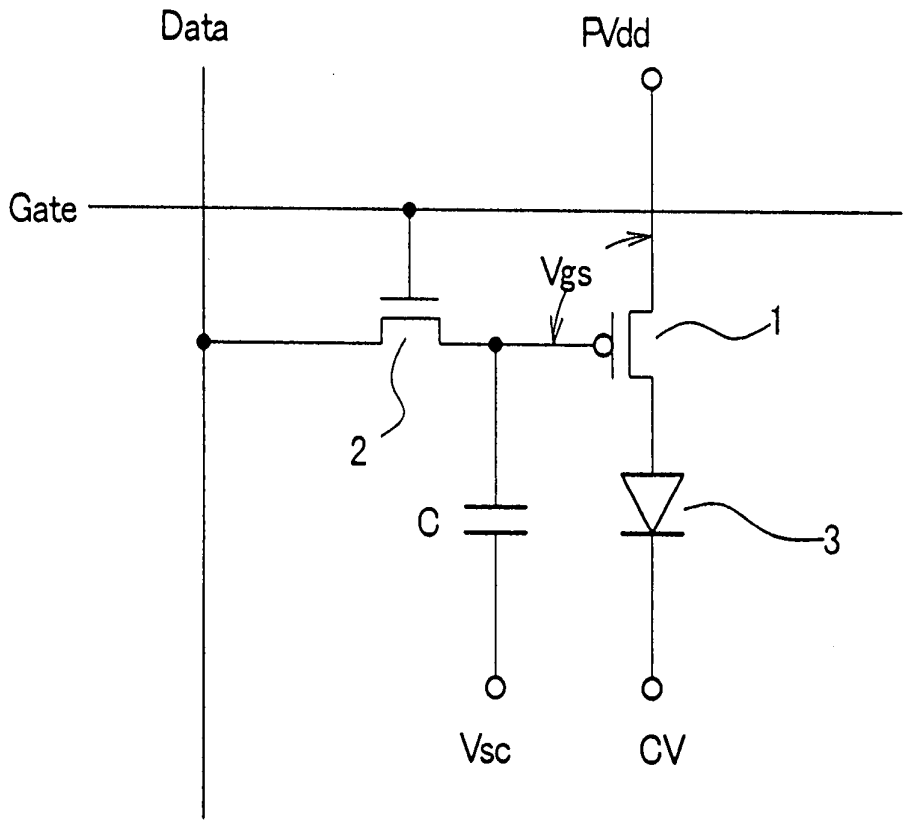

FIG. 1

(PRIOR ART)

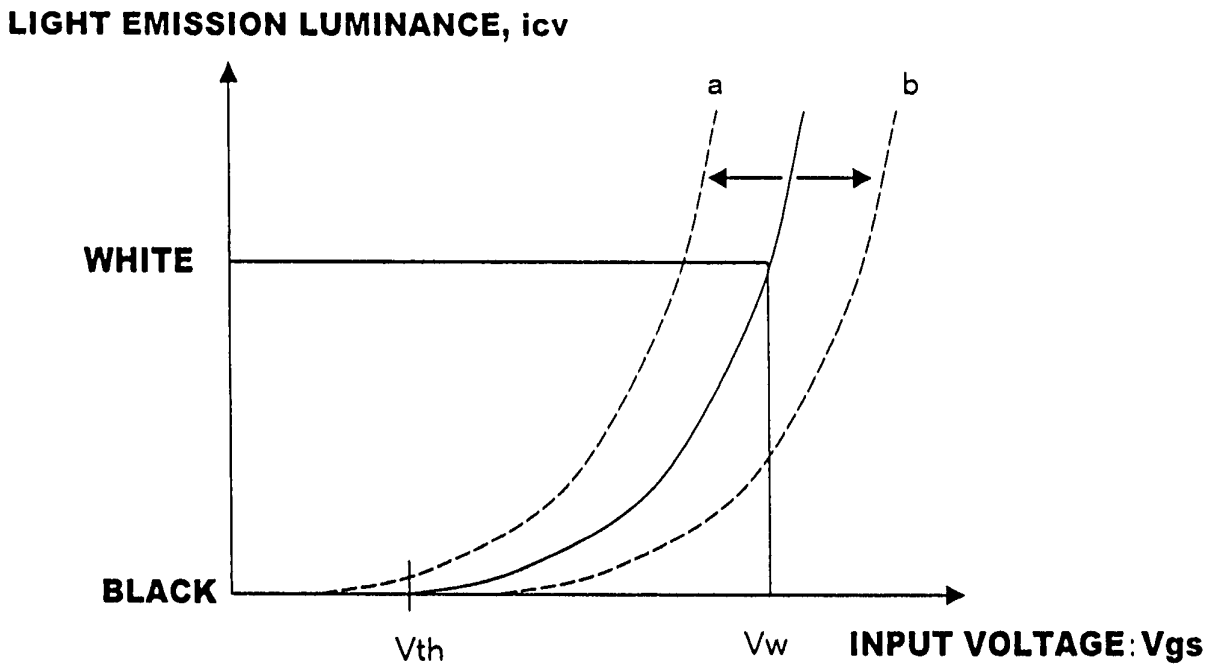

Fig. 2

(PRIOR ART)

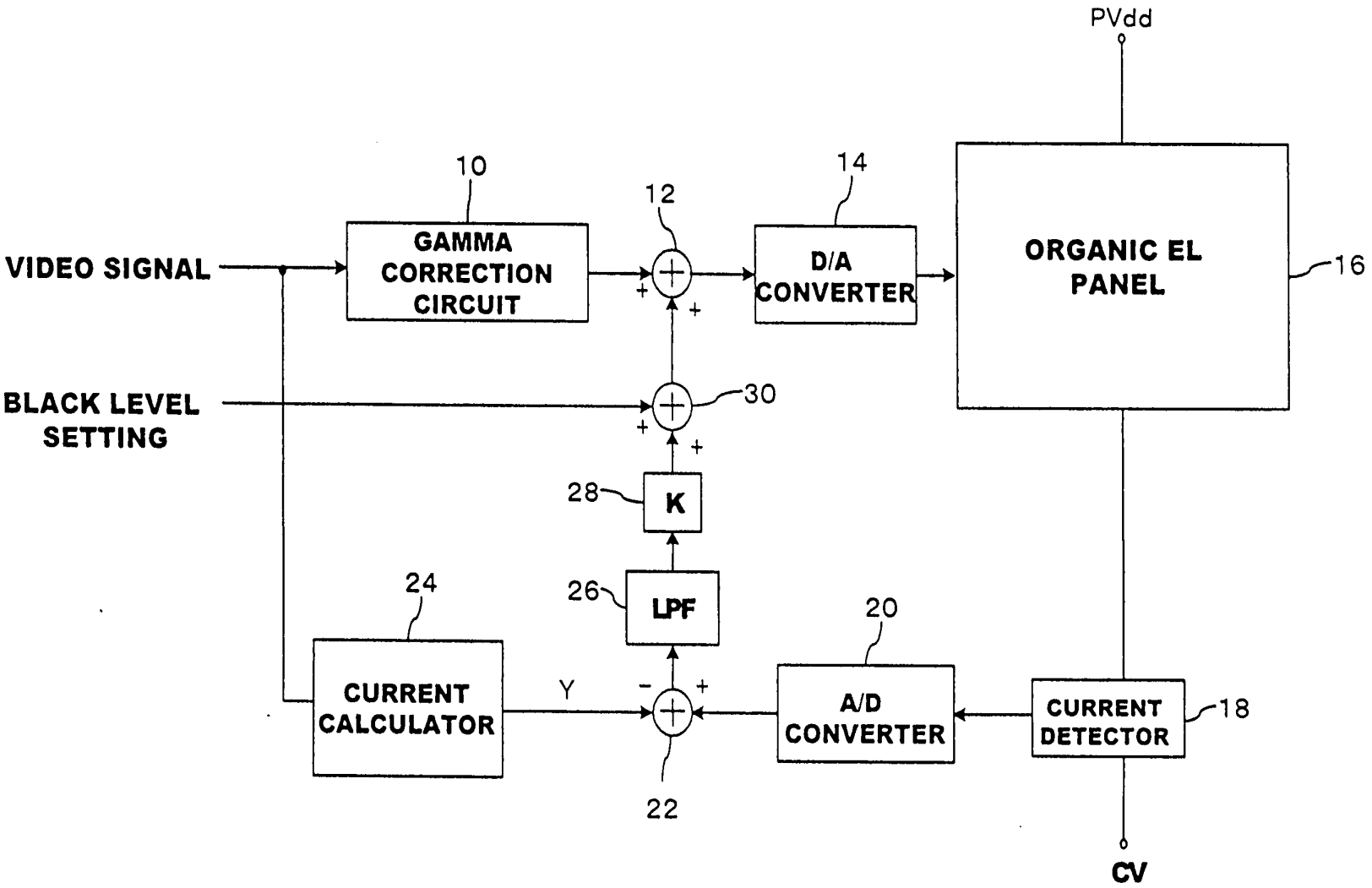
PVdd
10
12
14
VIDEO SIGNAL
GAMMA CORRECTION CIRCUIT
D/A CONVERTER
ORGANIC EL PANEL
16
BLACK LEVEL SETTING
30
28
K
24
26
LPF
20
CURRENT CALCULATOR
Y
A/D CONVERTER
CURRENT DETECTOR
18
22
CV

Fig. 3

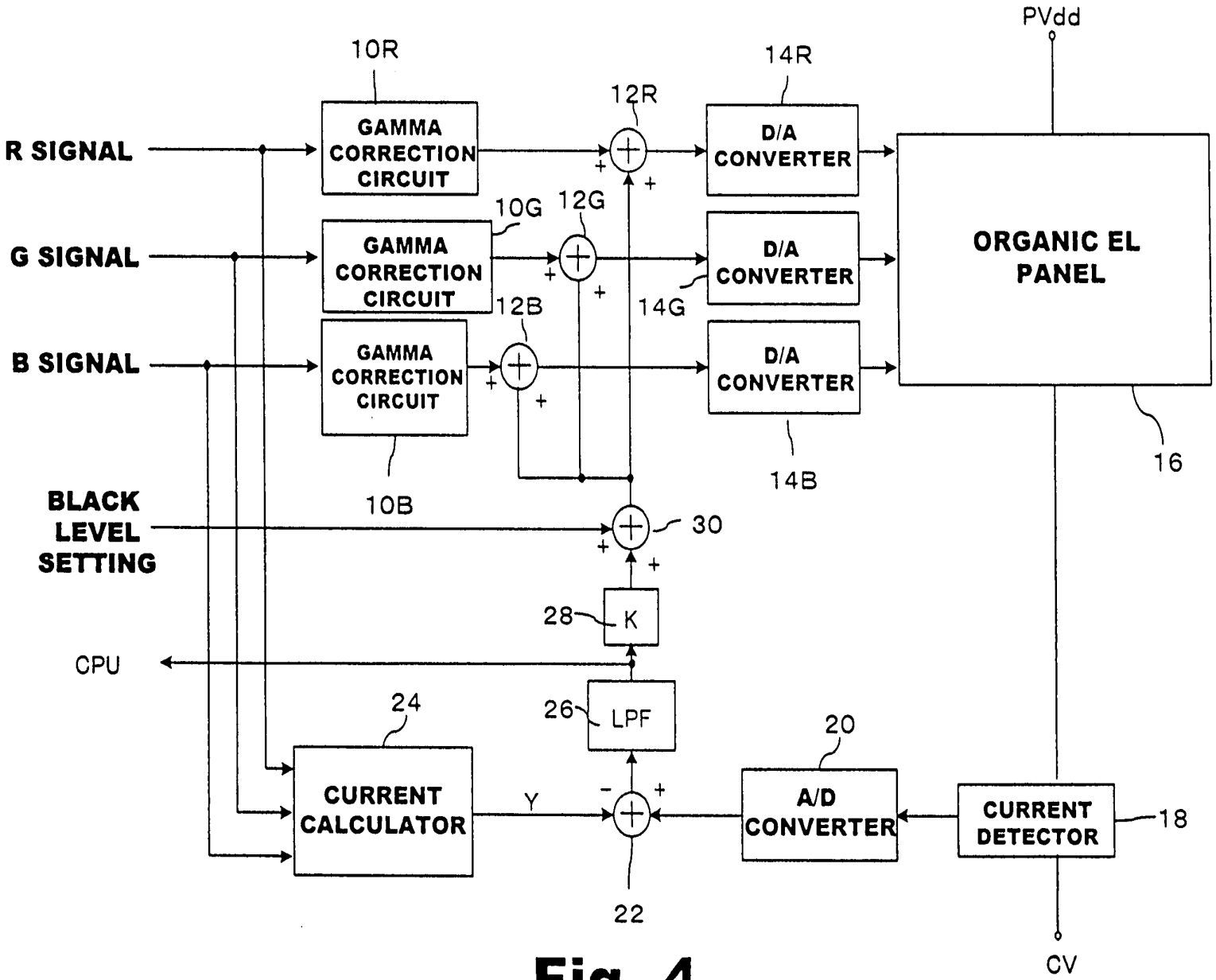
PVdd
10R
14R
12R
R SIGNAL
GAMMA CORRECTION CIRCUIT
D/A CONVERTER
10G
12G
G SIGNAL
GAMMA CORRECTION CIRCUIT
D/A CONVERTER
ORGANIC EL PANEL
12B
14G
B SIGNAL
GAMMA CORRECTION CIRCUIT
D/A CONVERTER
16
14B
10B
BLACK LEVEL SETTING
30
28
K
CPU
24
26
LPF
20
CURRENT CALCULATOR
Y
A/D CONVERTER
CURRENT DETECTOR
18
22
CV

Fig. 4

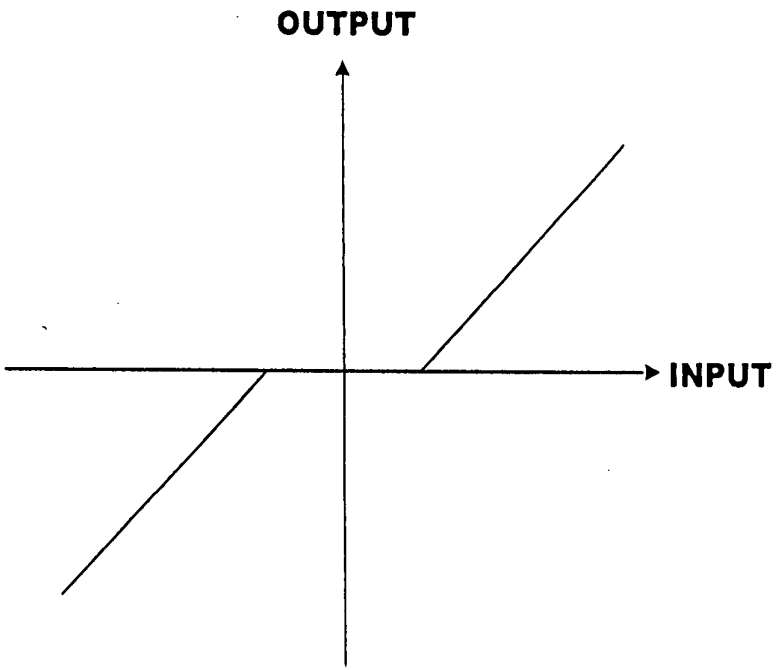

Fig. 5A

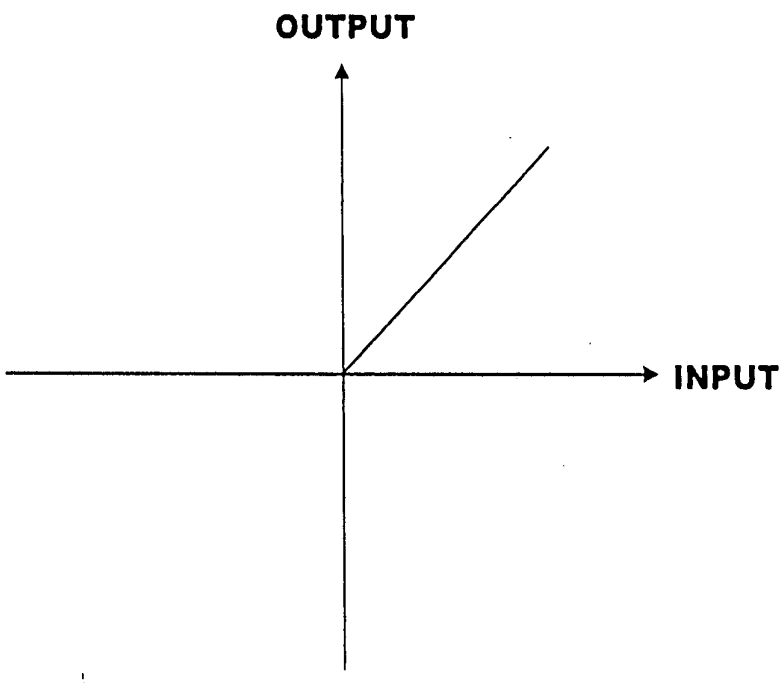

Fig. 5B

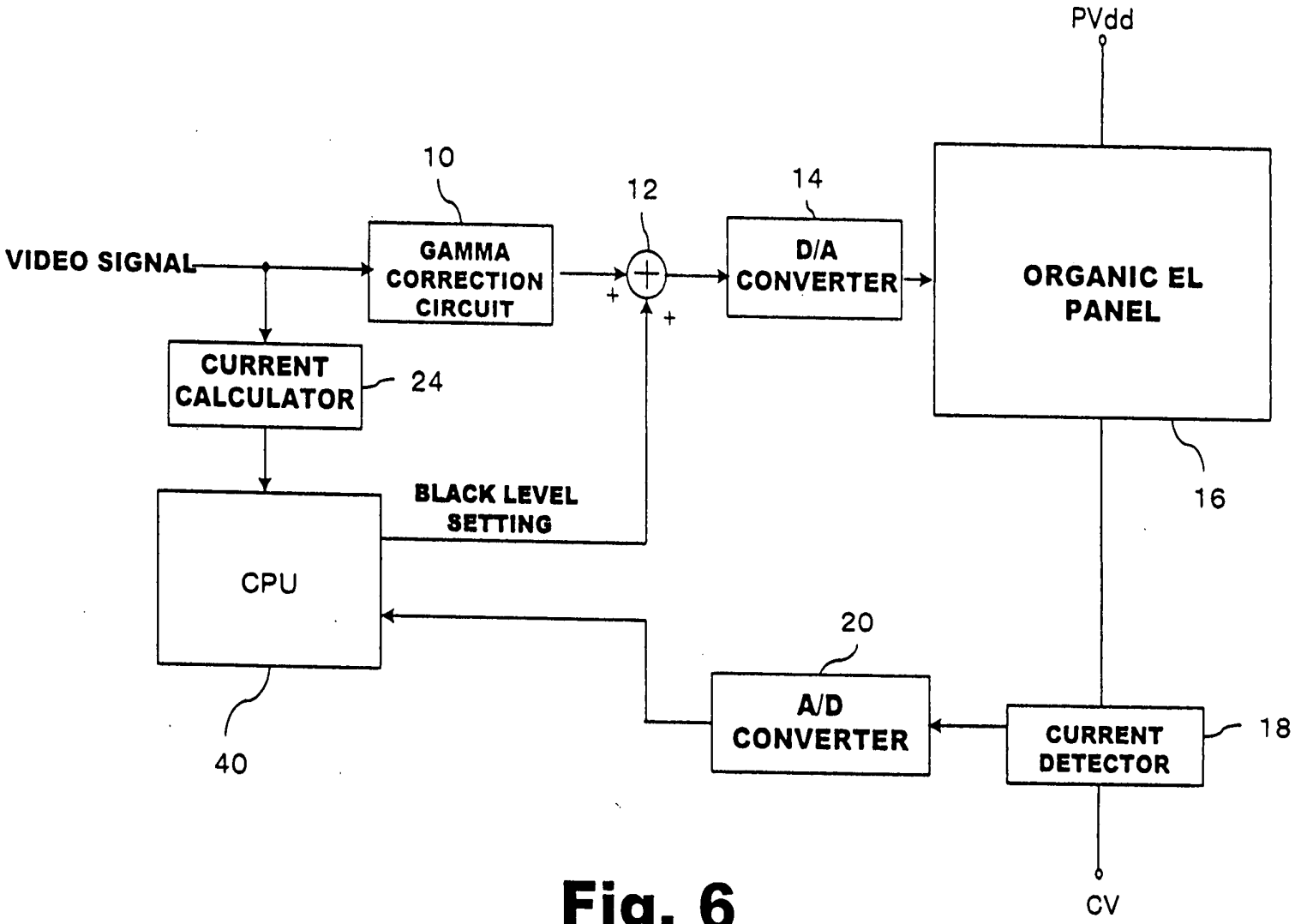
PVdd
10
12
14
VIDEO SIGNAL
GAMMA CORRECTION CIRCUIT
D/A CONVERTER
ORGANIC EL PANEL
CURRENT CALCULATOR
24
BLACK LEVEL SETTING
16
CPU
20
A/D CONVERTER
CURRENT DETECTOR
18
40
CV

Fig. 6